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(smartcard near/5  
account) and  
wireless

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No	Patent No	Title	Relevance
<input type="checkbox"/>	1. <a href="#">US 5943624</a> granted patent	Contactless smartcard for use in cellular telephone	5520
<input type="checkbox"/>	2. <a href="#">EP 1050027 B1</a> granted patent	METHODS AND APPARATUS FOR A TRAVEL-RELATED MULTI-FUNCTION SMARTCARD	4409
<input type="checkbox"/>	3. <a href="#">EP 840251 B1</a> granted patent	Smartcard and method of making	4163

<input type="checkbox"/>	4. <u>WO 1999/038129 A1</u>	METHODS AND APPARATUS FOR A TRAVEL-RELATED MULTI-FUNCTION SMARTCARD	4079
		patent application	
<input type="checkbox"/>	5. <u>US 2005/35200</u>	Secure smartcard sleeve	3400
		patent application	
<input type="checkbox"/>	6. <u>US 2006/16874</u>	SYSTEM FOR REGISTERING A BIOMETRIC FOR USE WITH A SMARTCARD	3318
		patent application	
<input type="checkbox"/>	7. <u>US 2006/16875</u>	METHOD FOR REGISTERING A BIOMETRIC FOR USE WITH A SMARTCARD	3313
		patent application	
<input type="checkbox"/>	8. <u>US 2006/894</u>	METHOD AND SYSTEM FOR FINGERPRINT BIOMETRICS ON A SMARTCARD	3312
		patent application	
<input type="checkbox"/>	9. <u>US 2006/891</u>	SYSTEM FOR BIOMETRIC SECURITY USING A SMARTCARD	3310
		patent application	
<input type="checkbox"/>	10. <u>US 2006/898</u>	METHOD AND SYSTEM FOR VASCULAR PATTERN RECOGNITION BIOMETRICS ON A SMARTCARD	3304
		patent application	

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## Full-Text

```
(barthelemy in
inventor) AND
(serge in inventor)
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<input type="checkbox"/>	1. <a href="#">US 2005/246253</a> patent application	System to enable a telecom operator provide financial transactions services and methods for implementing such transactions	3851
<input type="checkbox"/>	2. <a href="#">WO 1988/006811 A1</a> patent application	PHASE LOCKED MODE LASER GENERATOR	3461
<input type="checkbox"/>	3. <a href="#">WO 2003/005848 A1</a> patent application	BUCKLE CLOSURE SYSTEM	2433

patent application

4. WO 2001/079136 A1 REFRACTORY MATERIAL PRECURSOR PASTE 2248

patent application

5. WO 1996/031842 A1 DATA COLLECTION SYSTEM FOR CARD READERS 2067

patent application

6. WO 2003/094491 A1 SYSTEM TO ENABLE A TELECOM OPERATOR PROVIDE FINANCIAL 2039  
TRANSACTIONS SERVICES AND METHODS FOR IMPLEMENTING SUCH  
TRANSACTIONS

7. EP 1272438 B1 REFRACTORY MATERIAL PRECURSOR PASTE 1902  
granted patent

8. US 2004/12111 Refractory material precursor paste 1733  
patent application

9. US 2004/12111 Refractory material precursor paste 1733  
patent application

10. EP 819283 B1 DATA COLLECTION SYSTEM FOR CARD READERS 1559  
granted patent

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 wireless and (add  
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<input type="checkbox"/>	1. <a href="#">US 2007/131759</a> patent application	SMARTCARD AND MAGNETIC STRIPE EMULATOR WITH BIOMETRIC AUTHENTICATION	2878
<input type="checkbox"/>	2. <a href="#">WO 2004/023709 A1</a> patent application	METHOD OF DIGITAL CERTIFICATE (DC) COMPOSITION, ISSUANCE AND MANAGEMENT PROVIDING MULTITIER DC DISTRIBUTION MODEL AND MULTIPLE ACCOUNTS ACCESS BASED ON THE USE OF DC AND PUBLIC	1371

KEY INFRASTRUCTURE (PKI)

<input type="checkbox"/>	3. <u>EP 912959 B1</u> granted patent	TOKENLESS IDENTIFICATION SYSTEM	1164
<input type="checkbox"/>	4. <u>WO 1998/009227 A6</u> patent application	TOKENLESS BIOMETRIC TRANSACTION AUTHORIZATION METHOD AND SYSTEM	911
<input type="checkbox"/>	5. <u>WO 1998/009227 A1</u> patent application	TOKENLESS BIOMETRIC TRANSACTION AUTHORIZATION METHOD AND SYSTEM	911
<input type="checkbox"/>	6. <u>AU 2003/230133 A1</u> patent application	METHOD OF DIGITAL CERTIFICATE (DC) COMPOSITION, ISSUANCE AND MANAGEMENT PROVIDING MULTITIER DC DISTRIBUTION MODEL AND MULTIPLE ACCOUNTS ACCESS BASED ON THE USE OF DC AND PUBLIC KEY INFRASTRUCTURE (PKI)	819
<input type="checkbox"/>	7. <u>US 5870723</u> granted patent	Tokenless biometric transaction authorization method and system	758
<input type="checkbox"/>	8. <u>WO 1998/004996 A1</u> patent application	TOKENLESS BIOMETRIC TRANSACTION AUTHORIZATION SYSTEM	740
<input type="checkbox"/>	9. <u>US 5838812</u> granted patent	Tokenless biometric transaction authorization system	651
<input type="checkbox"/>	10. <u>WO 1996/036934 A1</u> patent application	TOKENLESS IDENTIFICATION SYSTEM FOR AUTHORIZATION OF ELECTRONIC TRANSACTIONS AND ELECTRONIC TRANSMISSIONS	634

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```
(barcode near/10
mobile) and (mobile
near/10 phone) and
(barcode near/10
credit) and (credit
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WO 2003/023674 A1

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## Inventors/Applicants

UM, Ki-Mun [KR/KR], 2nd Floor, CH Bldg., 747-16, Yeoksam-Dong, Kangnam-Gu, 135-080 Seoul (KR)	Title SYSTEM AND METHOD FOR CREDIT CARD PAYMENT USING BARCODE AND MOBILE PHONE DEVICE
	[show all claims]
	Claims [note]

## Filing Date

What is claimed is:

2001-11-20

**Publication Date**

2003-03-20

**Publication Journal Date**

2003-03-20

**Agents**

CHO, Heum-O, et al, HO & CHO International Patent & Law Office, 4th Floor, Deok-won Bldg., 637-19 Yeoksam-Dong, Kangnam-Gu, 135-080 Seoul (KR)

**Application Number**

KR0101981

**Priority Data**

KR 2001-55746 (2001-09-11)

**IPC**

G06F\_17/60

1. A system for credit card payment using barcode and mobile phone device comprising : a mobile phone device storing a barcode data required for a credit card payment (in it), and including a display part for display of said barcode data thereon; a barcode reader device reading the barcode displayed on the display part of said mobile phone device; and a credit card validation device, being connected to said barcode reader device, fetching the credit card payment information data from the barcode which is read by said barcode reader device, transmits said information to a credit card VAN server, and then, receives a credit card payment authentication signal from said credit card VAN server.

2. The system for credit card payment using barcode and mobile phone device as set forth in Claim 1, wherein said barcode is a two-dimensional barcode extended in both horizontal and vertical axis by a predetermined width.

3. The system for credit card payment using barcode and mobile phone device as set forth ...

more...

#### Abstract

This invention relates to a system and method for credit card payment using barcode and mobile device. This invention discloses a credit card payment system and method which comprises displaying barcode which includes credit card payment information on the display part of user's mobile phone device; reading such a barcode with a barcode-reader device; and acquiring the credit card payment information and payment acknowledgement.

#### States

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

Jump to: Top

#### INPADOC Family & Legal Status Data

Patent family for WO 03023674A1

#### Family members

			Priority claims
#	Publication date	Publication number	Country
1	2001-10-18	KR 20010090081A	Korea x
2	2003-03-20	WO 03023674A1*	World x

**Priority applications**

#	Application date	Application number	Country
1	2001-09-11	KR 20010055746A	Korea

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**1. KR 20010090081A : SYSTEM AND METHOD FOR CREDIT CARD SETTLEMENT USING BAR CODE AND MOBILE COMMUNICATION TERMINAL****Summary**

**Title** SYSTEM AND METHOD FOR CREDIT CARD SETTLEMENT USING BAR CODE AND MOBILE COMMUNICATION TERMINAL

**Application number** KR 20010055746A

**Publication number** KR 20010090081A

**Application date** 2001-09-11

**Publication date** 2001-10-18

**Country** Korea

**Applicant(s)** UM KI MUN (KR)

**Inventor(s)** UM KI MUN (KR)

**Priorities**

**Application number** Application date

KR 20010055746A 2001-09-11

**Classifications**

**EPC** G06Q20/00K2B; G06Q20/00K5; G07F7/08C6; G07G1/00C2

**IPC** G06F17/60

**CI** G06Q20/00; G07F7/08; G07G1/00

**AI** G06Q20/00; G07F7/08; G07G1/00

**Abstract**

**PURPOSE:** A system and method for credit card settlement is provided to perform a settlement without a credit card using a conventional credit card inquiry element by displaying a bar code with credit card information on a display unit of the mobile communication terminal, with the bar code using a bar code reader to read information necessary for the settlement of the credit card, and receiving a settlement approval through the credit card inquiry element. **CONSTITUTION:** A wireless mobile communication terminal(10) stores bar code data for indicating information desired for the settlement of the credit card, and has a display unit for displaying the bar code data. A bar code reader(20) reads a bar code displayed on the display unit of the wireless mobile communication terminal(10).

A credit card inquiry element(30) is connected with the bar code reader(20), and extracts credit card settlement information from the bar code to transmit extracted credit card settlement information to a credit card company VAN server(40), and receives a credit card approval signal.

## 2. WO 03023674A1\* : SYSTEM AND METHOD FOR CREDIT CARD PAYMENT USING BARCODE AND MOBILE PHONE DEVICE

### Summary

**Title** SYSTEM AND METHOD FOR CREDIT CARD PAYMENT USING BARCODE AND MOBILE PHONE DEVICE  
**Other title** SYSTEME ET PROCEDE DE PAIEMENT PAR CARTE DE CREDIT UTILISANT UN CODE A BARRES ET UN DISPOSITIF DE TELEPHONIE PORTABLE  
**Application number** PCT/KR 0101981  
**Publication number** WO 03023674A1  
**Application date** 2001-11-20  
**Publication date** 2003-03-20  
**Country** World  
**Applicant(s)** UM KI-MUN (KR)  
**Inventor(s)** UM KI-MUN (KR)

### Priorities

**Application number** Application date  
 KR 20010055746A 2001-09-11

### Classifications

**EPC** G06Q20/00K2B; G06Q20/00K5; G07F7/08C6; G07G1/00C2  
**IPC** G06F17/60  
**CI** G06Q20/00; G07F7/08; G07G1/00  
**AI** G06Q20/00; G07F7/08; G07G1/00

### Abstract

This invention relates to a system and method for credit card payment using barcode and mobile device. This invention discloses a credit card payment system and method which comprises displaying barcode which includes credit card payment information on the display part of user's mobile phone device; reading such a barcode with a barcode-reader device; and acquiring the credit card payment information and payment acknowledgement.

### Legal events

<b>Gazette</b>	<b>DATE</b>	<b>Document number</b>	<b>Legal code</b>	<b>Description</b>
2003-03-20		WO 0101981W	AK	+DESIGNATED STATES Kind Code of Ref Document +DESIGNATED STATES Designated State(s) AE AG A

AM AT AU AZ BA BB BG BY BZ CA CH CN CO CR CU  
DE DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN  
JP KE KG KP KZ LK LR LS LT LU LV MA MD MG MK M  
MX MZ NO NZ PH PL PT RO RU SE SG SI SK SL TJ TM  
TT TZ UA US UZ VN YU ZA

2003-03-20	WO 0101981W	AL	+DESIGNATED COUNTRIES FOR REGIONAL PATENT: Kind Code of Ref Document A1
			+DESIGNATED COUNTRIES FOR REGIONAL PATENT: Designated State(s) GH GM KE LS MW MZ SD SL SZ I ZM ZW AM AZ BY KG KZ RU TJ TM AT BE CH CY DE FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN CQ ML MR NE SN TD TG
2003-05-14	WO 0101981W	121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EI WAS DESIGNATED IN THIS APPLICATION
2004-09-08	WO 0101981W	32PN	-EP: PUBLIC NOTIFICATION UNDER RULE 80 EPC, NOTIFIED IN THE EP BULLETIN Free Format Text COMMUNICATION UNDER RULE 69 EPC (EPO FORM 1205A DATED 28.06.2004)
2005-03-02	WO 0101981W	122	-EP: PCT APP. NOT ENT. EUROP. PHASE
2006-01-17	WO 0101981W	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: Ref Country Code JP

#### Claims

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#### Description

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